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## FISH &amp; RICHARDSON P.C.

500 Arguello Street  
Suite 500  
Redwood City, California  
94063-1526Telephone  
650 839-5070Facsimile  
650 839-5071Web Site  
www.fr.com

Date June 6, 2005

To Phu K. Nguyen, Patent Examiner  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Telephone: 571-272-7645

Facsimile number 07844-47600001 / 703-872-9306

From Brenda Leeds Binder

Re HINTED STEM PLACEMENT ON HIGH-RESOLUTION PIXEL GRID

Applicant: Terence S. Dowling and R. David Arnold

Application No.: 09/739,587

Filing Date: December 15, 2000

Attorney's Docket No.: 07844-476001

Number of pages  
including this page 3

Message Attached is a copy of the 1449 form from the IDS filed December 3, 2004. Per our telephone conversation of May 20, 2005, we respectfully request that you consider the art cited and return an initialed Form PTO-1449 along with a Supplemental Notice of Allowability.

Brenda Leeds Binder has been given limited recognition under 37 CFR § 11.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 26, 2005, is attached hereto.

Respectfully submitted,

Date:

June 6/05



Brenda Leeds Binder  
Limited Recognition  
under 37 CFR § 11.9(b)

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Sheet 1 of 1

|  |  |   |                               |
|--|--|---|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>07844-476001               | Application No.<br>09/739,587 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Terence S. Dowling and R. David Arnold |                               |
|  |  | Filing Date<br>December 15, 2000                    | Group Art Unit<br>2671        |

| U.S. Patent Documents |           |                 |                  |                  |       |          |                            |
|-----------------------|-----------|-----------------|------------------|------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | US-6,438,576    | 08/20/2002       | Huang, et al.    |       |          |                            |
|                       | AB        | US-5,684,510    | 11/04/1997       | Brassell, et al. |       |          |                            |
|                       | AC        | US-6,104,833    | 08/15/2000       | Naoi, et al.     |       |          |                            |
|                       | AD        |                 |                  |                  |       |          |                            |
|                       | AE        |                 |                  |                  |       |          |                            |
|                       | AF        |                 |                  |                  |       |          |                            |
|                       | AG        |                 |                  |                  |       |          |                            |
|                       | AH        |                 |                  |                  |       |          |                            |
|                       | AI        |                 |                  |                  |       |          |                            |
|                       | AJ        |                 |                  |                  |       |          |                            |
|                       | AK        |                 |                  |                  |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AL        |                 |                  |                          |       |          |             |    |
|   | AM        |                 |                  |                          |       |          |             |    |
|   | AN        |                 |                  |                          |       |          |             |    |
|   | AO        |                 |                  |                          |       |          |             |    |
|   | AP        |                 |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |          |
|---|-----------|----------|
| Examiner Initial  | Desig. ID | Document |
|   | AQ        |          |
|   | AR        |          |
|   | AS        |          |
|   | AT        |          |

|   |                 |
|---|-----------------|
| Examiner Signature  | Date Considered |
| <b>EXAMINER:</b> Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

Substitute Disclosure Form (PTO-1449)

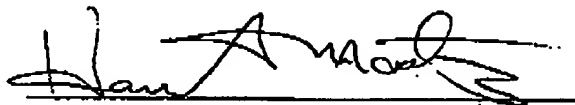
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)**

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This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

**Expires: July 26, 2005**



Harry I. Moatz

Director of Enrollment and Discipline